

20221-66

ACC NR: AP6010330

SOURCE CODE: BU/0011/65/018/009/0871/0873

AUTHOR: Rousanov, E.; Kasabova, T.

ORG: Institute of Physiology, Bulgarian Academy of Sciences

TITLE: Lipoproteids from glandular mucoprotein of gastric juice

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 9, 1965, 871-873

TOPIC TAGS: digestive system, protein, gastroenterology, amino acid

ABSTRACT: Glandular mucoprotein is a protein fraction of the gastric juice which plays a peculiar physiological role. The authors established earlier that in addition to its mucopolysaccharide component, mucoprotein contains also a lipid component whose composition shows lipoproteins, lipopeptides, sterols, and phosphatides. Present article describes experiments investigating chromatographically the amino-acid composition of these lipopeptides. The results obtained are in certain respects analogous to the data about the structure of pepsin. The presence of lipopeptides in the mucoprotein investigated brings up the question of the role and origin of these substances (which are active within cells) when found in gastric juice. It can hardly be expected that here they play the same metabolic role as in the cell. The most probable explanation should be sought in the merocrine character of gastric secretion whereby a number of intracellular structures also enter the gastric juice in a passive manner.

This paper was presented by Corresponding Member BAN, P. Nikolov on 7 May 1965.

Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 005 / SOV REF: 004

Card 1/1 mjs

13
B

2

CZECHOSLOVAKIA

GLABER, V; ROUSAR, I

Department of Inorganic Chemistry, Institute of
Chemical Technology, Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 5, May 1966, pp 2137-2143

"Calculation of the rate of a half-order reaction
proceeding in pores of a catalyst."

REGNER, A.; ROUSAR, I.

Study of the intensification of electrolyzers. I. Cylindrical
electrolyzer with tangential electrolytic input. Coll Cz Chem
25 no.4:1132-1142 Ap '60. (EEAI 9:12)

1. Institut fur anorganische Technologie, Technische Hochschule
fur Chemie, Prag.
(Electrolytic cells)

ROUSAR, I.

✓ Studies on intensification of electrolytic cells. I. Cylinder-shaped electrolytic cell with tangential electrolyte feed. A. Regner and I. Roušar (Vysoká škola chemicko-technol., Prague). ~~Collection Czechoslov. Chem. Commun.~~ 25, 1132-42(1960).—A dimensional analysis of the function of an electrolytic cell with tangential electrolyte feed is carried out for the case of diffusion-controlled electrode processes. The detn. of the thickness of the diffusion layer at various distances from the electrolyte feed by means of segment electrodes is discussed in detail. In the electrolytic cell with tangential electrolyte flow the diffusion-layer thickness is smaller than in the electrolytic cell with coaxial electrolyte flow. B. Erdős

15
1-CF(30)

ROUSAR, I.

Calculation of current density as a function of the overvoltage on rough electrodes in the presence of a forced convection of the electrolyte. Coll Cz Chem 25 no.7:1867-1873 J1 '60.
(EEAI 10:9)

1. Institut für anorganische Technologie, Technische Hochschule für Chemie, Prag.

(Overvoltage) (Electrodes)

ROUSAR, J.

✓ Calculation of the dependence of the current density on the over-voltage on rough electrodes with forced electrolyte convection. J. Roušar (Vysoká škola chemicko-technologická, Prague). *Collection Czechoslov. Chem. Commun.* 25, 1867-73 (1960). A basic equation was derived for the dependence of the c.d. on rough electrodes on the overvoltage in oxidn.-redn. systems which is controlled by diffusion and by the electrode reaction. The derived equation was simplified by introducing the concept of the equiv. sand roughness; and in an illustration the course of the η - i -curve on a rough and on a smooth electrode was calcd. E. Budaš

3
1-(F(LTC))

ROUSAR, Ivo ~~Rousar~~
CZECHOSLOVAKIA / Analytical Chemistry. Analysis of
Inorganic Substances.

E-2

Abstr Jour : Ref Zhur - Khim., No 10, 1958, No 32198

Author : Jan Balej, Ivo Rousar

Inst : -

Title : Potentiometric Determination of Ferrieyanides with Cr^{3+}
Salts.

Orig Pub : Chem. listy, 1957, 51, No 5, 965-967

Abstract : A method based on the reduction of $\text{Fe}(\text{CN})_6^{3-}$ to $\text{Fe}(\text{CN})_6^{4-}$ with Cr^{3+} is described. The titration is carried out with 0.1 n. solution of $\text{KCr}(\text{SO}_4)_2$ in a strongly alkaline medium (3 to 4 n. referred to KOH) and at a raised temperature (50°). Under such condition, a rapid and quantitative reduction of $\text{Fe}(\text{CN})_6^{3-}$ takes place, but a partial decomposition of $\text{Fe}(\text{CN})_6^{3-}$ under the action of OH^- is also observed simultaneously. In

Card 1/2

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... 0.0% in 1 to 5 min were used. The presence of $\text{Fe}(\text{CN})_6^{4-}$ does not interfere.

ROUSAROVA, J.; TREFNA, E. (HMU); ZNAMENACEK, K.

The care of and the falling off of the umbilical stump. Cesk. pediat.
13 no.4:338-344 5 May 58.

1. Ustav pro peci o matku a dite v Praze-Podoli reditel prof. Dr. J. Trapl,
vedouci pediatrickeho sektoru prof. Dr. K. Kubat J. R., Praha-Podoli,
nabr. E. Marxe 157.

(UMBILICAL CORD

umbilical stump, healing time (Cz))

ZNAMENACEK, K.; NEPIL, J.; ROUSAROVA, J.

Experiences with prevention of staphylococcal infections in the
Institute for Maternal and Child Care. Cesk. pediat. 17 no.1:71-74
Ja '62.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. dr.
Miroslav Vojta, prednosta pediatrickeho useku MUDr. Karel Polacek.

(STAPHYLOCOCCAL INFECTIONS prev & control)

ROUSEK, J.

"Printed connections and circuits" by V. Benedikt,
J. Sedmidubsky, Z. Soutor. Reviewed by J. Rousek.
Jaderna energie 9 no.4:144 Ap '63.

ROUSEK, Jaroslav, inz.

Reduction of working time and its effect on the consumption of
electric power in coal mines. Energetika Cz 11 no.6:296-297 Je
'61.

ROUSEK, M.

Management of aurografts applied with the use of Küntscher's nail. Acta chir. orthop. traum. Cech. 32 no.5:450 O '65.

1. Chirurgické oddelení nemocnice v Trutnově (vedoucí MUDr. M. Rousek).

ROUSEK, R.; PSCH, W.

Pneumatic core box clamping. Slevarenstvi 11 no.8/9:407 Ag '63.

ROUSEK, V.; OTAZAR, R.

Folding doors. p. 153. (Nova Technika, Vol. 2, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

ROUSH, G. A.

Strategic mineral supplies in the U. S. S. R. (Russia).
G. A. Roush. Military Engr. 32, 22-8(1940); cf. G. A.

33, 13451. -- A discussion relating to the following: Mn ore,
Pt, asbestos, phosphates, Fe ore, coal, uranium, palladium,
Al, Hg, chromite, magnesite, Zn, Cu, Pb and Ni. Production
and consumption figures for 10 years through 1937 are
tabulated. L. Wilson Greene

ROUSH, G. A.

Strategic mineral supplies in the U. S. S. R. (Russia).
G. A. Roush. Military Engr. 32, 22-8(1940); cf. G. A.

33, 13451. — A discussion relating to the following: Mn ore,
Pt, asbestos, phosphates, Fe ore, coal, petroleum, pyrites,
Al, Hg, chromite, magnesite, Zn, Cu, Pb and Ni. Production
and consumption figures for 10 years through 1937 are
tabulated. L. Willson Greene

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Strategic mineral supplies in the U. S. S. R. (Russia).
G. A. Roush. *Military Engr.* 32, 22-8(1940); cf. C. A.
33, 4345¹.—A discussion relating to the following: Mn ore,
Pt, asbestos, phosphates, Fe ore, coal, petroleum, potash,
Al, Hg, chromite, magnesite, Zn, Cu, Pb and Ni. Production
and consumption figures for 18 years through 1937 are
tabulated. L. Wilson Greene

ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION

BULGARIA

ROUSINOV, K. S., ATHANASOVA-SHOPOVA, S., Section of Pharmacology, Institute of Physiology, Bulgarian Academy of Sciences

"Experimental Screening of the Anticonvulsive Activity of Certain Plants Used in Popular Medicine in Bulgaria"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 4, 1966, pp 334-336

Abstract: [English article] It has been established in a number of earlier investigations that certain medicinal plants used in Bulgarian popular medicine for the treatment of epilepsy and as anticonvulsive and sedative drugs possess varying degrees of anticonvulsive activity (see, e.g., Compt. rend. Acad. bulg. Sci., 18, 1965, No 7, 691). This report presents the results of the pharmacological screening of a new group of medicinal plants: *Acanthus longifolius*, *Anagalis arvensis* subsp. *coerulea*, *Anagalis arvensis* subsp. *typica*, *Asplenium thichomanes*, *Cannabis sativa*, *Capsella bursa pastoris*, *Cardus nutans*, *Digitalis ferruginea*, *Digitalis lanata*, *Dictamnus albus*, *Heracleum sibiricum*, and *Senecio jacobaea*. For the purpose of comparison the authors used, as before, the plant *Leonurus cardiaca* which has already been extensively studied. The surface parts of the plants (herba) were used in the experiments. Tests carried out on albino rats show that 1) upon electroconvulsions (supramaximal electroshock seizure), relatively well expressed anticonvulsive activity is shown by *Cardus nutans*, *Capsella bursa pastoris*, *Heracleum sibiricum*, and others; 2) most active upon Coraso convulsions are *Anagalis arvensis* subsp.

ACCESSION NR: AP3000265

P/0048/63/000/001/0001/0004

AUTHOR: Safronov, V. S.; Rouskol, E. L.

TITLE: History of lunar atmosphere and the probability of occurrence of ice and organic compounds on the moon

SOURCE: Astronautyka, no. 1, 1963, 1-4

TOPIC TAGS: lunar atmosphere; O; CO; N sub 2; H sub 2; meteoric impact; vapor traps

ABSTRACT: In connection with the planned exploration of the moon's surface it became necessary to know whether various volatile substances and vapors liberated from the moon's surface may be retained as frozen substances on that part of the moon's surface which is not exposed to solar radiation. This problem is connected with the origin of the moon. It is assumed that the original lunar atmosphere consisted mostly of water vapors and CO sub 2. During the many years of.

Card 1/2

ACCESSION NR: AP3000265

the moon's formation, perhaps as many as 3 billion years, practically the entire atmosphere disappeared into space, and the moon's interior became practically degasified. Using Jeans's reasoning, the authors determine how far the lunar atmosphere extends, and construct a model of this atmosphere giving its limits, probable density escape and speed of dissipation. In a table the probable composition and density of the lunar atmosphere are given at temperatures of 400, 600, and 1,000K. There are probably traps, formed during the past million years, where certain amounts of gases have been retained and frozen. These traps are very small, and ice evaporates from them very slowly. Meteoric impacts may probably liberate some frozen water vapors. [Abstracter's note: As presented in the cited source, this art. is actually a condensed abstract (prepared by Andrzej Marks) of the orig. art. by Safronov and Rouskol. There is no indication where the orig. art. appeared.] Art. contains 1 table, 7 equations.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 10Jun63

ENCL: 00

SUB CODE: 00

NR REF SOV: 000

OTHER: 013

Cord 2, 2

ROUSKOVA, E., promovany chemik

Mineralogical and chemical analysis of the mine fly ash.
Rudy 11 no.3:92 Mr '63.

ROUSKOVA, E.; KLIR, S.

"Significance of a mineralogical and chemical analysis of fly ash in the atmosphere of a mine." P. 390.

RUDY (Ministerstvo hutního průmyslu a rudných dolů). Praha, Czechoslovakia, Vol. __, No. 11, Nov. 1958.

Monthly list of East European Accessions ((EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

ROUSKOVA, Eva; BERANEK, Jan, promovany geolog.

Examination of the flying dust in mines by electron microscope. Rudy 11 no.11: Supplement: Prace vyzkum-
nych ustavu no.6:39-46 N'63.

1. Ustav pro vyzkum rud, Praha.

ROUSKOVA, Eva, promovany geolog

Evaluation of air-borne dust samples. Rudy 11 no.2:57-59 F '63.

1. Ustav pro vyzkum rud, Praha.

ROUPOVA, Bohumila
SURNAME, Given Names

(1)

Country: Czechoslovakia

Academic Degrees: D.D.S.

Affiliation: Stomatology Department, Okres Institute for People's Health
(Stomatologicke oddeleni ONZ) Pelhrimov

Source: Praga, Ceskoslovenska Stomatologie, Vol 61, No 4, July 61; pp 306 311

Data: "Hypodontia with Bilateral Incisors. Based on Ectodermal Dysplasia"

GPO 981643

ROUSOVA, O.

SCIENCE

Periodicals: BIULIETEN ASTRONOMICIESKIH INSTITUTOV CZECHOSLOVAKII.
BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA.

PEREK, L; ROUSOVA, O. Identification charts of selected areas 5, 61,
and 68. In English. p. 77.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH ORDERS									
AM										ROUSSAKOFF (L. F.). Характеристика селекционных сортов Ячменя, Пшеницы и Овса на стойкость их к различным видам ржавчины. [The characterization of selected varieties of Barley, Wheat, and Oats, by their resistance to different species of rust.]—Pamphlet issued by <i>Ставрополь-Кавказская Сел.-Хоз. Оп. Станция</i> . [Stavropol-Caucasian Agric. Exper. Stat.], Stavropol, 15 pp., 1929.																			
This is an attempt, based on Shitikova-Roussakova's observations of the incidence and development in 1927 of cereal rusts in the western and eastern fields of the Stavropol Agricultural Experimental Station [<i>R.A.M.</i> , viii, p. 706], to class the selected varieties of barley, wheat, and oats grown at the Station by their rust reaction in that year. The study was conducted on the same lines as described by the author in a previous paper [<i>ibid.</i> , viii, p. 762] and showed that, as a class, early-maturing varieties of barley were less damaged by brown rust (<i>Puccinia simplex</i>) [<i>P. anomala</i>] than the later ones. This was the only rust that severely attacked barley in 1927, and the following varieties exhibited the greatest degree of resistance or tolerance to it, namely: Zolotoy [Golden], Nutans 254, Paral. amer., Goly [1 Awnless] 155, Coeleste, and Pall. 65/72. Yellow rust (<i>P. glumarum</i>) was mild, but attacked most severely Nutans 254 and Hanna.																													
ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION										6-27-1929																			
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BOUSSANOFF (L. F.). Ржавщина хлебов на Ростово-Нахичеванской Сел.-Хоз. Оп. Станции в 1927 году. [Cereal rusts at the Rostoff-Nakhichevan Agric. Exper. Stat. in 1927].—*Северо-Кавказская Красная Сел.-Хоз. Оп. Станция*. [North Caucasus Regional Agric. Exper. Station], Rostoff-on-Don, Bull. 288, 24 pp., 1929.

In this paper the author gives notes on the seasonal development in 1927 of the brown rusts of wheat (*Puccinia triticea*) and rye (*P. dispersa*) [*P. secalini*] in the Rostoff-Nakhichevan region of North Caucasus [cf. *R.A.M.*, viii, p. 763]; no other cereal rusts developed in the region, owing to the exceptionally dry spring and summer. Both rusts appeared soon after the autumn-sown crops restarted their vegetation in the spring, especially in fields where the rye and wheat had best withstood the winter period. The wheat rust developed most slowly at first, but increased rapidly towards the end of May, following two heavy rains in the middle of that month. In general, owing to the dry season in 1927, the rusts did relatively little damage. All hard wheats, and Marquis and Kitchener among the soft ones, showed a high degree of resistance; among the late-maturing varieties Co-operatorka was exceptionally resistant.

ROUSSAKOFF (L. F.). Особенности эпидемии ржавчины хлебов в районе Приморской Областной Сельско-Хозяйственной Станции в 1926 году. [Peculiarities of the cereal rust epidemic observed at the Littoral Province Agricultural Experiment Station in 1926.] - *Plant Protection* (formerly *La Défense des Plantes*), Leningrad, vi, 5-6, pp. 693-718, 3 figs., 1930.

This is a detailed account of the author's study of the development and incidence in 1926 of cereal rusts, with particular reference to stem rust (*Puccinia graminis tritici*) of wheat, at the Pacific Littoral Agricultural Experiment Station. All the information contained in it has already been noticed from former papers [*R. L. M.*, vii, pp. 232, 233, viii, p. 362].

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040

consider that a check to the spring renewal of the rusts would be given by the total abandonment of winter wheat and rye or the re-ploughing just before the winter frosts of all the fields that showed any considerable amount of rust in the autumn. This is particularly true of the rye rust, as there was evidence that this rust does not spread over wide distances, like the wheat rust, and is wholly dependent on local foci of infection for its distribution in the spring. The observations also indicated that the overwintering of the rusts is greatly influenced by cultural methods, as the most vigorous stands bearing the largest amount of infection in the spring were found in fields sown broadcast instead of in rows, and the least in fields fertilized with stable manure and kept under clean fallow before sowing. Crops raised from peasant-grown seed grain were more heavily infected than those raised from seed supplied by the Agricultural Station.

In regard to crown rust of oats, it was found that the disease was most prevalent and severe in the immediate vicinity of *Eleusine cathartica* bearing its alternate stage, and the eradication of this plant is strongly recommended.

The paper also contains a detailed description, mostly in the form of tables, of the gradual development of the three rusts investigated throughout the season. A small series of experiments showed that dusting rye and wheat with sulphur somewhat reduced the severity of the rusts and helped towards preserving the green colour of the leaves over a longer period. Observations

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with microscopes indicated that the largest number of spores carried by wind were of *P. tritici*, followed by *P. striatum*, *P. helveticum* but feebly represented.

The highest degree of resistance to *P. tritici* was shown by the varieties *caracorum* 0111, *albicum* 721, Kitchener, and Garnet, among the soft wheats, and by *hardifforme* 010 among the hard wheats. All local West Siberian wheats are late maturing, and as such liable to considerable losses from this rust.

ASAC VIA DETAILORIAL LITERATURE CLASSIFICATION

RELATIONSHIP

RELATIONSHIP

ROUSSAKOV, J.

V. Shil'kov, B. Vassiliyev, V. Piliavsky, A. Repnikov, N. Leiboshits, J. Roussakov, V. Kotchedamov, N. Khomoutetsky, T. Dabagov, A. Petrov, J. Dennisov, L. Medersky, E. Gladkova, E. Moskalenko

J. Roussakov, author of "Preliminary variant of the storage warehouse project" from the book Architectural Inheritance Written by the Academy of Architecture of USSR and published in Leningrad and Moscow in 1953 by the State Publishing House for Literature on Building and Architecture. The book is a history of Russian architecture of the XVIII and XIX centuries, a selection of works by Leningrad architects and scientific workers.

ROUSSANEWITCH, N. F.

"Sur l'analyse elementaire combustibles minerals et des matieres organiques".
Roussanewitch, N. F. (p. 520)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 4

L 37826-43

ACC NR: AP6028472

SOURCE CODE: BU/0011/65/018/011/1031/1033

AUTHOR: Balevska, P.; Roussanov, E.

ORG: Institute of Physiology, BAN

TITLE: Amino acid composition of the mucoprotease of gastric juices

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 11, 1965, 1031-1033

TOPIC TAGS: amino acid, dog, protein, gastrointestinal tract, biologic secretion

ABSTRACT: Mucoprotease is one of the protein fractions of gastric juice obtained through sedimentation procedures. It is always present in the gastric juice regardless of the state of activity of the gastric glands. Its physiological significance is not known. The paper describes the detailed investigation of the amino acid composition of the mucoprotease in the gastric juice of dogs. The comparison of the newly acquired data with those concerning glandular mucoprotein shows that the two substances differ substantially in their amino acid composition. This paper was presented by Corresponding Member P. Nikolov on 16 July, 1965. Orig. art. has: 1 table. [Orig. art. in Eng.] [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: 16Jul65 / ORIG REF: 002 / OTH REF: 008

Card 1/1

ROUSSINOV, K. [Rusinov, K.]; ATHANASSOVA-SHOPOVA, S. [Atanasova-hopova,
S

Experimental study of anticonvulsive action of certain plants
used in Bulgarian popular medicine. Doklady BAN 17 no.7:677-
679 '64.

1. Submitted by Corresponding Member P. Nikolov.

L 30205-66 RO

ACC NR: AP6020321

SOURCE CODE: BU/0011/65/018/007/0691/0694

AUTHOR: Athanassova-Shopova, S.; Roussinov, K.

ORG: Section of Pharmacology, Institute of Physiology, BAN

TITLE: Pharmacological studies of Bulgarian plants in connection with their anticonvulsive effect \0

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 691-694

TOPIC TAGS: pharmacology, nervous system drug, botany

ABSTRACT: The experimental studies carried out so far on medicinal plants used by popular medicine in Bulgaria as antiepileptic and anticonvulsive drugs brought confirmation of anticonvulsive activity in a number of them (Comp. rend. Acad. Bulg. Sci., 17, 1964, no. 1, 89; Ibid., 17, 1964, no. 7, 677). The present report contains the results of the initial pharmacological tests of the anticonvulsive effect of a new group of plants, namely: *Achillea millefolium*, *Artemisia absinthium*, *Corydalis cava*, *Erythraea centaurium*, *Marrubium vulgare*, and *Ruta graveolens*. Herba were used from these plants as drug, whereas flores were used from the plants of *Calendula officinalis*, *Helianthus annuus*, *Matricaria chamomilla*, and *Tilia L.* Fructus was used from *Pimpinella anisum*, and radix from *Symphytum officinale*. Use was made, for the sake of comparison, of *Leonurus cardiaca*, which has already been studied by the same authors and by other researchers (D. Zhelyazkov, Nauchni trudove VMI, I, 1962, 1, 79), and of *Acorus calamus* (rhizoma) whose

Card 1/2

L 30205-66

ACC NR: AP6020321

essential oil is known to be anticonvulsive (B. R. Madan et al., Arch. internat. pharmacodyn., CXXIV, 1960, No 1-2, 201). Tabulated results show that while various plants are useful during electrical and Corazol convulsions, none acted in any significant way during strychnine convulsions. This paper was presented by Corresponding Member, BAN P. Nikolov on 5 March 1965. Orig. art. has: 1 table.
[Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 05Mar65 / ORIG REF: 004 / OTH REF: 001
SOV REF: 001

Card 2/2 CC

ATHANASS VA-SHOPOVA, S.; REUSSINOV, K.

Pharmacological studies of Bulgarian plants with a view to their
medicinal effect. Dokl. Bulg. akad. nauk 18 no.7:661-664
1965.

1. Submitted March 5, 1965.

1. *Experimental study of antitumor activity of certain plants*

used in Bulgarian popular medicine. *Phyt. Med.* 1978, 34, 17
p. 71-77, 1978.

2. *Antitumor activity of certain plants. Review.*

ROUSSANOW, A.K.

"Sur la question de l'analyse spectrale de flamme des solutions". Roussanow, A.K.
(p. 1057)

SC: Journal of General Chemistry. (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 8.

ROULEFAU, J.

From the work of the Chemistry Department of the Central Institute of
Industrial Safety; the gas chromatography method. p. 36

OCERONA PRACE. (Centralna Rada Zakladow i Centralny Instytut
Celnosci Pracy)
Warszawa, Poland
Vol. 14, no. 5, May 1959

Monthly list of East European Acquisitions (EEAI) LS Vol. 8, No. 9
Sept. 1969
Uncl.

ROUSSEAU, J.

Gas chromatography method in Czechoslovakia. p. 29

OCHRONA PRACY. (Centralna Rada Zwiaskow i Centralny Instytut Ochrony Pracy)
Warszawa, Poland
Vol. 11, no. 6, June 1959

Monthly list of East European Accessions (EEAI) IC Vol. 8, no. 9
Sept. 1959
Uncl.

CP

21

THE OCCURRENCE OF NATURAL GAS IN TYRNÄVÄ, Q. ROUTALA,
Suomen Kemistilehti 48, 12, 1935 (in German).—Natural
gas has been used at Tyrnävä for about 7 years. The
compn. is: CH₄ 93.4, CO₂ 5.1, O 0.2 and N 1.37.
Analyses were carried out on soil samples from depths of
8-14 m. to det. its source. E. E. Jukkola

U.S.S.R. METALLURGICAL LITERATURE CLASSIFICATION

CM

7

The determination of sulphurous and sulphuric acids in gases from roasting. O. Rönkä, Suomen Kemistilehti 8B, 50 (1935) (in German).—Suck the gas through an absorption flask until 50 ml. of 0.1 N I soln. is decolorized, transfer to a decanting vessel and treat with benzidine soln. After 1/2 hr. filter without suction, wash the ppt. with satd. benzidine sulfate soln. and a small quantity of water, and titrate with 0.1 N NaOH and phenolphthalein. Satisfactory values for both SO₂ and SO₃ are obtained by this method. R. E. Jukkola

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION	SUBSECTION	CLASSIFICATION
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Production of chromium-molybdenum-aluminum steel in an induction crucible furnace, and treatment thereof V. S. Routes. *Kharkovskaya Stal* 1935, No. 10, 31 S. *Chromes-industrie* 30, 335. With steel contg. Cr 1.5-1.8, Mo 0.3-0.45, Al 0.8-1.3, C 0.48-0.45, Si 0.3, Mn 0.4-0.7, P below 0.04, S below 0.04%, the losses by volatilization during the fusion period are: C 20-25%, Mn 22-26%, Si 7.5-80%. Losses by volatilization during addns. are: C 13-44%, Mn 4-5%, Cr 1.3-1.5%, Al 50-60%, ferro Al 20-25%. The presence in the slag of 20% of magnesite increases the resistance of the basic crucible, this amt. has no effect on the viscosity of the slag. Cr-Mo-Al steel of the specified compn., produced in an induction furnace, has sufficiently high mech. properties as compared with steel produced in an arc furnace. A. P. C.

Invest.

Acad. Nauk S.S.S.R., *Dokl. Khim. Nauk* 1948, 316-20
 cl. C.A. 42, 1871g.—Salts of arylazocarboxylic acids with
 HgCl₂ readily yield arylmercury chlorides. The character
 of the reaction is similar to that exhibited by the double
 diazonium mercury salts, i.e. the mechanism is homolytic:
 PhN₂·NCO₂K (Thiele, *Ber.* 28, 2000) (2 g.) was added in
 0.5 hr. to 8.7 g. HgCl₂ in 100 ml. Me₂CO at room temp
 with stirring, which was continued 0.5 hr., after which the
 solvent was distd. and the residue was washed with NaCl
 and H₂O; extr. with Me₂CO gave 1.78 g. (54%) PhHgCl
 m. 251-2°, and 1.03 g. HgCl₂; the use of HgBr₂ gave 40%
 PhHgBr, m. 276°. *p*-MeC₆H₄N₂·NCO₂K (by hydrolysis
 of the amide with cold aq. alkali, filtration at 50°, cooling
 and washing the orange product with EtOH-Et₂O) (2.00
 g.) treated with 8.1 g. HgCl₂ as above gave 1.09 g. (33%
p-MeC₆H₄HgCl, m. 236-7°, and 1.49 g. HgCl₂; the *p*-
 NO₂ analog gave 42% *p*-O₂NC₆H₄HgCl, m. 205°; the *p*-
 Br analog gave 33% *p*-BrC₆H₄HgCl, m. 250°, and HgCl₂
K p-sulfophenylazoformamide (from 10 g. K salt of *p*-
 sulfophenylbenzocarbazine in the min. amt. of hot water
 treated with hot 4 g. KMnO₄ in 80 ml. H₂O and 30 ml. A
 H₂SO₄, followed by filtration and cooling; yield 7 g., de-
 comp. 255° after loss of water of crystn.) (10 g.) was hy-
 drolyzed 1 hr. in the cold by 3.6 g. KOH and 30 ml. H₂O,
 warmed until clear, filtered, and cooled, yielding 8 g. of the K
 salt of *p-sulfophenylazoformic acid*, yellow needles, decomp.
 about 265°, insol. in org. solvents, sol. in water; this
 (1.98 g.) added in 0.5 hr. to 3.4 g. HgCl₂ in 100 ml.
 Me₂CO with stirring at room temp. in the presence of
 0.7 g. powd. Cu, stirred 0.5 hr., the solvent removed, and
 the product extr. from the dry residue in the form of *p*-
 sulfophenylmercury II sulfate (31%) (see *J. Gen. Chem.*

10
 RN(NO)CONHR + H₂O; this is confirmed by the fact
 that nitrosation of sym. diaryl deriva. gives the same
 result whether the reaction is run in AcOH or in Et₂O.
 The influence of substituents on the nitrosation of sym.
 diaryl deriva. was investigated; diphenylureas with NO,
 or CO₂H groups in ortho, meta, or para show the hindering
 effect of the substituents on introduction of NO the group
 on the N bound to the substituted Ph, on the basis of
 coupling the nitrosates with 2-naphthol in alk. soln. at
 10-15°. Thus, CO(NHPh), and its *o*-, *m*-, and *p*-
 deriva. coupt. NO₂ or CO₂H groups, as well as *o*- and *p*-
 chlorodiphenylureas give on coupling the same product:
 chlorodiphenylureas give on coupling the same product:
 1-phenylazo-2-naphthol, m. 132-3° (78-87% yields).
 A typical prepn. follows: 3 g. CO(NHPh), in 100 ml.
 AcOH was treated with N₂O₅ at 10-15° 45-60 min.,
 stirred 1 hr., filtered, washed with cold water, added to
 250 ml. 2% alk. 2-naphthol soln., and stirred 5-6 hrs.,
 yielding 88% 1-phenylazo-2-naphthol, m. 132-3°; the
 another liquor, after steam distn., with H₂Cl gave Ph-
 NHBr, m. 163°. The various ureas, RNHCONHR,
 were prepd. by condensation of the corresponding amines
 with PhNCO in benzene (R and m.p. given): Ph, 218-9°;
 2-O₂NC₆H₄, 109-0.4°; 3-O₂NC₆H₄, 106-6.4°; 4-O₂N-
 C₆H₄, 212-13°; 2-HO₂CC₆H₄, 181°; 3-HO₂CC₆H₄, 200-
 2.5°; 4-HO₂CC₆H₄, 207-300°; 2-MeC₆H₄, 108-9°; 3-
 MeC₆H₄, 173°; 4-MeC₆H₄, 241-2°; 3-ClC₆H₄, 181.7-
 2.5°; 4-ClC₆H₄, 183-4°; 4-ClC₆H₄, 239-40°. The
 following were prepd. from the nitroanilines with
 COCl₂ in PhNO₂ at 140-50°: (2-O₂NC₆H₄NH), (O), m.
 222-5°; 3-isomer, m. 245°; and 4-isomer, decomp. 300-
 4°. The following gave coupling products with 2-
 naphthol, indicating the reactivity of the NH group ad-

acent to the substituted Ph: the 4-Cl deriv. gave 4-chloro-
1-phenylazo-2-naphthol, m. 100-1° (82%); the 2-Me
 deriv. gave *1-o-tolylazo-2-naphthol*, m. 130° (65%); the 3-
 Me isomer gave 71% *1-m-tolylazo-2-naphthol*, m. 130-7.5°;
 the 2,4-di-Me deriv. gave *1-(2,4-xylylazo)-2-naphthol*, m.
 101-2.5° (81%); and *m-dinitro* deriv. gave *1-(3-nitro-
 phenylazo)-2-naphthol*, m. 133-4° (78%). The possible
 4,4-dinitro derivs. failed to give nitrosates. The possible
 displacements of the electron distribution by the various
 substituents are discussed in respect to the effect on the
 polarization of the NH bond. G. M. Kosolapoff

ROUSAROVA, Jarmila, D.s.; ZNAMENACEK, Karel; TREJNA, Emilie, (HMU)

Certain problems of environmental atmosphere for newborn infants.
Cesk.pediat. 15 no.1:30-36 Ja '60.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel prof.dr.
J. Trapl, vedouci pediatrickeho useku prim. dr. K. Polacek. Hydro-
meteorologicky ustav v Praze.
(INFANT NEWBORN)
(AIR)

RADEV, T.; ROUSSEV, G.

Oxidizing enzymes in rabbit liver during embryonic and post-natal
development. Dokl. bolg. akad. nauk 15 no.6:665-668 '62.
(LIVER) (EMBRYO) (KREBS CYCLE)

ROUSSINOV, K.; GEORGIEV, V.

The effect of phenylcarbamide on electric convulsions. Dokl.
Bolg. akad. nauk 16 no.4:449-451 '63.

1. Submitted by Corresponding Member P. Nikolov.
(ANTICONVULSANTS) (DIPHENYLHYDANTOIN)
(PHARMACOLOGY) (CONVULSIONS)

ROUSSINOV, K.; GEORGIEV, V.

Pharmacological study of phenylcarbamide derivatives with a view to the relation between their chemical structure and anti-convulsion effect. Dokl. Bolg. akad. nauk 16 no.5:561-563 '63.

1. Submitted by Corresponding Member P. Nikolov.
(ANTICONVULSANTS) (PHARMACOLOGY)
(PENTYLENETETRAZOLE) (CONVULSIONS)
(STRYCHNINE) (CHEMISTRY)

7-12-63

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(Continued)

19. "On the Influence of Germanic Elements upon the Development of the English Language," by J. MEYER (Quoted by Meinhart in B. MEINHART) [English Article], pp. 69-76.
20. "The Effect of German Loan on the Development of American Pure Latin Verb Derivations," by A. LEITCH (Quoted by Aschmole in K. BAKER) [English Article], pp. 70-75.
21. "Morphological Comparison of Germanic and Romance Languages," by W. H. DALL (Quoted by Aschmole in K. BAKER) [Quoted by Aschmole in A. C. HODGKIN] [English Article], pp. 71-72.
22. "The Parallelism of Syntax in Parts of Pictorial and Literary Art," by C. H. WHEELER (Quoted by Aschmole in K. BAKER) [English Article], pp. 72-76.
23. "Studies on the Etymology of the English Word 'Patriot' in the Process of Final Development," by W. H. DALL (Quoted by Aschmole in K. BAKER) [English Article], pp. 72-73.
24. "The Repetitive Property of the English Word 'Patriot' in the Process of Final Development," by W. H. DALL (Quoted by Aschmole in K. BAKER) [English Article], pp. 72-73.
25. "The Etymology of the English Word 'Patriot' in the Process of Final Development," by W. H. DALL (Quoted by Aschmole in K. BAKER) [English Article], pp. 72-73.
26. "The Etymology of the English Word 'Patriot' in the Process of Final Development," by W. H. DALL (Quoted by Aschmole in K. BAKER) [English Article], pp. 72-73.
27. "The Etymology of the English Word 'Patriot' in the Process of Final Development," by W. H. DALL (Quoted by Aschmole in K. BAKER) [English Article], pp. 72-73.

ROUSSINOV, K. [Rusinov, K.]; ATANASSOVA-SHOPOVA, S. [Atanasova-Shopova]

On the tremorine hyperkinesia in pigeons. Doklady BAN 14 no.7:
767-770 '61.

1. Submitted by Corresponding member P. Nikolov.

(Paralysis agitans) (Pigeons)

ROUSSINOV, K. [Rousinov, K.]

On certain correlations of the anticonvulsive drugs phenylcarbamide, meta-tolylcarbamide and phenurone with cholinergic and adrenergic mechanisms in the central nervous system. Doklady BAK 17 no.10: 265-267 '64.

1. Submitted May 12, 1964.

ROUSSINOV, K.; ZHELYAZKOV, D.; GEORGIEV, V.

On the mechanism of the myorelaxant effect of the alkaloids
of Vinca herbacea W.K. Dokl. Bolg. akad. nauk 15 no.3:329-332
'62.

1. Submitted by Corresponding Member P. Nikolov.
(MUSCLE RELAXANTS pharmacol)
(ALKALOIDS pharmacol)

ROUSSINOV, K. [Rusinov, K.]; GEORGIEV, V.

Pharmacological study of phenylcarbamide derivatives with a view to the relation between their chemical structure and anticonvulsion effect. Doklady BAN 16 no.5:561-563 '63.

1. Submitted by Corresponding Member P. Nikolov.

Routil, R

CZECHOSLOVAKIA/Analytical Chemistry - Analysis of Inorganic
Substances

E-2

Abs Jour : Ref Zhur - Khimiya, No 4, 1958, No 10974

Author : Rad. Routil

Inst : Not Given

Title : Combined Indicator for Complexonometrical Determination of
Calcium.

Orig Pub : Che. prumysl, 1957, 7, No 7, 363

Abstract : It is recommended to use a mixture of 0.40 g of nurexide,
0.16 g of ethylene blue, 0.10 g of alizarin yellow GG Na
salt and 50 g of NaCl as an indicator at the complexonometri-
cal determination of Ca. The coloration of the indicator
changes from violet through blue-violet to light blue. In
the presence of NH_4^+ salts, the indicator should be dis-
solved in a NaOH solution, which is usually added at the
titration of Ca.

Card : 1/1

ROUTIL, R.

Mixture indicator for the complexometric determination of calcium.

P. 363 (Chemický Průmysl. Vol. 7, no. 7, July 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC Vol. 7, no. 2,
February 1958

ROUTIL, Radomir, inz.

Agrochemical point of view in evaluating fertilizers. Agrochem 2
no.3:56-61 '62.

1. Ustredni kontrolni a zkusebni ustav zemedelsky, Praha.,

ROVAK, E.

Distr: hEhj/hE3d

21/
 ✓ Flame photometric method for alkali determination in cement. V. Moskvina and E. Rovak. *Strait. Materialy* 4, No. 1, 33 (1958). By using a propane-air burner which does not appreciably excite the spectra of heavy metals, K and Na can be accurately detd. in the presence of Ca. The sample is treated with HCl on a hot plate for 15 min., filtered, dild. to known vol., and sprayed into the burner flame with air. The spectrum is analyzed (equipment is described) and galvanometer readings are compared with the standard chart prepd. by analyzing solns. of known CaCl₂, NaCl, and KCl content. The accuracy of the method is $\pm 2\%$, and 10 detns. can be made in 1 hr.

I. D. Gat

SR *[Signature]*

6
2

ROVANOV, D.N.

Remodeled combine SK-2,6 for harvesting corn for grain. Mekh.
sil'. hosp. 13 no.7:7-9 JI '62. (MIRA 17:3)

1. Glavnyy inzh. Bereznegovatskogo rayonnogo otdeleniya "Sil'gosp-
tekhniki", Nikolayevskoy oblasti.

ROVBA, M.P.; SAZONOV, A.F.

Closed injury to the abdomen with an isolated rupture of the pancreas.
(MIRA 15:11)
Zdrav.Bel. 8 no.7:80 J1 '62.

1. Iz khirurgicheskogo otdeleniya (zav. - M.P.Rovba) Grodnenskoj
oblastnoy bol'nitsy (glavnyy vrach S.G.Dulayev).
-(PANCREAS--RUPTURE)

TOVBIN, M.V.; RADOVSKIY, B.S.; ROVBINA, E.M.

Dynamics of the extraction of substances from porous materials.
Ukr. khim. zhur. 29 no.11:1135-1142 '63. (MIRA 16:12)

1. Kiyevskiy gosudarstvennyy universitet im. Shevchenko.

Rev. FI

ROVBO, F.I.; ZAGREBINA, O.L.

Finishing of kitchen furniture with nitro enamel. Der. prom. 7
no.2:20-21 F '58. (MIRA 11:1)

1. Smolenskaya mebel'naya fabrika.
(Furniture) (Paint)

ROVCANIC, D.

"Manuals on the maintenance and care of auxiliary technical means."

p. 862 (Vojno-Tehnicki Glasnik) Vol. 5, no. 11, Nov. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ROVCANIN, D.

Determining the freezing point in equipment for cooling motors. p. 442
VOJNO-TEHNICKI GLASNIK. Beograd. Vol. 4, no. 6, June 1956

SOURCE: East European Accessions List, (EEAL), Library of Congress.
Vol. 5, No. 12, December 1955

PUSHKAVEV, I.I., prof., doktor sel'skokhozyaystvennykh nauk, red.; AMBROSOV, A.L.; STEFANISHIN, S.Ye.; ROVDO, A.I.; ALEKSEYCHIK, N.A.; AL'SMIK, P.I.; OGNEV, I.M.; ADAMOV, I.I.; BUTYLIN, G., red.; LARIN, V., red.; STEPANOVA, N., tekhn. red.

[Potato growing in White Russia] Kul'tura kartofelia v Belorusskoi SSR. Pod red. I.I. Pushkareva. Izd.2., ispr. i dop. Minsk, Gos. izd-vo BSSR, 1958. 356 p. (MIRA 11:7)
(White Russia--Potatoes)

ROVDO, V.I.

Tests on higher mathematics and methods for their review in the
correspondence faculty. Sbor. metod. rab. Bel. politekh. inst.
no. 1:45-48 '59. (MIRA 14:1)

(Correspondence schools and courses)
(Mathematics--Study and teaching)

MILLER, Georgiy Rudol'fovich, kand. tekhn. nauk; ROVDONIK, V.S.,
inzh., red.; FOMICHEV, A.G., red.izd-va; GVITS, V.L.,
tekhn. red.

[Automatic and remote control in the electric power distribu-
tion systems of industrial enterprises] Avtomatizatsiia i te-
lemekhanizatsiia v sistemakh elektrosnabzheniia promyshlen-
nykh predpriatii; obzor. Leningrad, 1962. 66 p.

(MIRA 16:3)

(Electric power distribution) (Automatic control)
(Remote control)

ROVENSKA, Blanka

Problem of coalescence of the pericarp and perisperm in wheat kernels. *Biologia plantarum* 5 no.2:161-165 '63.

1. Institut für experimentelle Botanik, Tschechoslowakische Akademie der Wissenschaften, Atlas des anatomischen Baues der Kulturpflanzen, Tschechoslowakische Akademie der Wissenschaften, Praha 2, Vinicna 5.

ROVELLI-CE/SD-E

✓ Influence of the electroconvulsive crisis on the blood catalase—study on afferent cerebral blood. Emilia Rovelli-Celso and C. Pintilie. *Comun. Acad. Rep. Populare Romine* 4, 433-8(1954).—The enzymic activity of catalase before and after electroshock on dogs was studied. The exptl. epilepsy provoked by the electroshock raises the activity of the enzyme but does not modify the kinetics of the reaction of catalase. *med* 2
A. Halasz

Rovenska, E.

Regeneration and metabolism of sugars in runners of couch grass. P. 185
CESKOSLOVENSKA BIOLOGIE. (Ceskoslovenska akademie ved. Biologicky
ustav) Praha
Vol. 5, no. 3, May 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

ROVENSKA. U.

Reaction of poppy seed to creosol. p. 429.

ČESKOSLOVENSKÁ BIOLOGIE. (Československá akademie věd.
Biologický ústav) Praha.

Vol. 4, No. 7, July 1955.

SOURCE: East European Accessions List (EEAL) Library
of Congress. Vol. 5, No. 1, January 1956.

ROVENSKA, Blanka (Prague 2, Vienna 5)

The number of radicles in wheat. *Biologia plantarum* 7 no.1:
79-80 1965.

1. Atlas of Anatomic Structure of Cultivation Plants of the
Institute of Experimental Botany of the Czechoslovak Academy
of Sciences, Prague. Submitted September 12, 1964.

Country : CZECHOSLOVAKIA
Category: Cultivated Plants. Fodders.

Abs Jour: RZhBiol., No 11, 1958, No 48985

Author : Rovenska, Blanka
Inst : Karlov Univ.
Title : Regeneration of Couch Grass and Carbohydrate
Metabolism in Rhizomes.

Orig Pub: Ceskosl. biol., 1956, 5, No 3, 185-192

Abstract: According to the studies at Karlov University (Czechoslovakia), the rootstock of couch grass has the highest viability in March and April, which declines by June. The sugar content is higher in the nodes than in the internodes. In the spring the rhizome of couch grass recovers better with intensified synthesis, and in summer -

Card : 1/2

M-84

Country : CZECHOSLOVAKIA

ROVENSKA, Blanka

Reaction of poppy seeds with cresol. Cesk.biol. 4 no.7:429-434
Jl '55.

1. Atlas anatomické stavby kulturních rostlin, CSAV, Praha.

(CRESOL, effects,
on poppy seeds)

(SEEDS,
poppy seeds, reaction with cresol)

(PLANTS,
poppy seeds, reaction with cresol)

ROVENSKAYA, A.S.

Possibilities of using certain hydrochemical indices for finding oil and gas in the zone of the Don-Medveditsa dislocation. Geol. i geofiz. no.5:44-47 '64. (MIRA 17:9)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti Glavgeolkomu SSSR.

ROVENSKAYA, L.G.; SOLLERTINSKAYA, Ye.S.

Effect of the surface deflection of a microsection from the plane (111) on the detectability of $\sqrt{3}$ - and $\sqrt{2}$ -dislocations in single crystals of gallium arsenide. Trudy Giprotsvetmetobrabotka no.24:50-53 '65. (MIRA 18:11)

ROVENSKAYA, T.G.; GOL'DFARB, R.N.; VAS'KOVSKAYA, M.A.

Resistance of dysenteric bacteria and enteropathogenic *Escherichia coli* to some antimicrobial preparations. Lab. delo 7 no. 9:53 S '61:
(MIRA 14:10)

1. Sanitarno-epidemiologicheskaya stantsiya Leninskogo rayona
Dnepropetrovsk.

(*ESCHERICHIA COLI*)

(DYSENTERY)

PAVLENKO, I.I., inzh.; ROVENSKAYA, T.V., inzh.; KAS'YANOVA, T.S., inzh.

Macrophotography of graphite to reveal its eutectic grain. Lit.
proizv. no.7:44 JI '65. (MIRA 18:8)

PISKAREV, A.I.; KHOLOPOVA, A.A.; SHE LAPUTIN, V.I.; NOSKOVA, G.L.;
ALEKSEYEV, P.A.; DRACHEVA, T.A.; OLENEV, Yu.A.; PAVLOVA,
I.A.; SELIVANOV, V.A.; VINGGRADOV, S.V.; MIROLYUBOV, P.A.;
ROVENSKIY, A.I.; SKOROKHODOV, A.A.; RYUTOV, D.G., kand.
tekhn. nauk, red.; CHICHKOV, N.V., red.; MEDRISH, D.M.,
tekhn. red.

[Manual on the operation of cold storage warehouses] Spra-
vochnik po ekspluatatsii kholodil'nykh skladov. Moskva,
Gostorgizdat, 1963. 175 p. (MIRA 16:7)

1. Sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo insti-
tuta kholodil'noy promyshlennosti (for Piskarev, Kholopova,
Shelaputin, Noskova, Alekseyev, Dracheva, Olenov, Pavlova).
2. Rosmyasorybtorg Ministerstva torglovi RSFSR (for
Selivanov, Vinogradov, Mirolubov, Rovenskiy). 3. Gosudar-
stvennyy planovoy komitet Soveta Ministrov SSSR (for Skorokhodov).
(Cold storage warehouses)

ROVENSKIY, I.I., kand. tekhn. nauk; SAVITSKIY, I.I.; RUDOVSKIY, G.I.;
BEREZHNICY, N.N.

Economizing on solid fuel by using gas in sintering operations.
Met. i gornorud. prom. no.2:73 Mr-Apr '65.

(MIRA 18:5)

BERBEROV, N. N., inzh., BOVENSKIY, I. I., kand. tekhn. nauk, rukovoditel' raboty

Investigating gas permeability and heat exchange in the layer
of iron ore pellets during roasting on a fire grate. Stal'
25 no.2:107-112 F '65. (MIRA 18:3)

1. Nauchno-issledovatel'skiy i proyektnyy institut po
otogasheniya i aglomeratsii rud chernykh metallov, Krivoy Rog.

ROVENSKIY, I.I., kand. tekhn. nauk, RUDOVSKIY, G.I., inzh.; BEREZHNOY,
N.N., inzh.

Partial replacement of solid fuel by gas in the process of
sintering iron ore materials. Stal' 24 no.5:402-405 My '64.
(MIRA 17:12)

1. Nauchno-issledovatel'skiy i proyektnyy institut po
obogashcheniyu i aglomeratsii rud chernykh metallov, Krivoy
Rog, i Yuzhnyy gornobogatitel'nyy kombinat.

ROVENSKIY, I.I.

Optimum amount of air in sintering. Obog. rud 7 no.4:30-32 '62.
(MIFA 16:4)

1. Mekhanobrchermet.
(Sintering)

(Exhaust systems)

ROVENSKIY, I.I., kand.tekhn.nauk; BEREZHNOY, N.N., inzh.

Conveying machine for the roasting of fluxed iron ore nodules.
Stal' 22 no.3:205-209 Mr '62. (MIRA 15:3)

1. Mekhanobrchermet.
(Conveying machinery) (Ore dressing—Equipment and supplies)

L 13274-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b)/EWA(h) JD

ACC NR: AP6002907

SOURCE CODE: UR/0286/65/000/024/0073/0073

INVENTOR: Shvarts, V. I.; Tsyapkina, Ye. D.; Rogachevskiy, Ya. Ye.; Shakhnovich, V. A.;
Uvarov, V. A.; Rovenskiy, I. L.; Balter, M. A.; Likhovskikh, M. N.

ORG: none

TITLE: Cast, heat-resistant, iron-base alloy. Class 40, No. 177078

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 73

TOPIC TAGS: alloy, cast alloy, heat resistant alloy, iron base alloy, chromium containing alloy, nickel containing alloy, tungsten containing alloy, molybdenum containing alloy, niobium containing alloy, manganese containing alloy

ABSTRACT: This Author Certificate introduces a cast, heat-resistant, iron-base alloy. To improve mechanical and technological properties, the alloy composition is as follows: 0.18—0.22% carbon, 19—21% chromium, 24—26% nickel, 4.5—5% tungsten, 0.9—1.1% molybdenum, 0.9—1.1% niobium, 0.1% nitrogen, 0.02% cerium, 0.005% boron, 0.8% max silicon, 1.2—1.5% manganese, 0.03% max each of sulfur and phosphorus. [AZ]

SUB CODE: 11/ SUBM DATE: 10Oct63/ ATD PRESS: 4/85

UDC: 669.15*24*26-194

Card 1/1

ROVENSKY, J.; TOMAN, M.

An attempt to recording sudomotor activity in small children.
Cesk. pediat. 19 no.4:357-364 Ap'64

1. Kozni oddeleni fakultni detske nemocnice v Brne (vedouci:
MUDr. J.Rovensky) a II. detska klinika lekarske fakulty UJEP
v Brne (prednosta: prof. dr. M.Toman).

*

PREIS, A.; LAXOVA, R.; ROVENSKY, J.

Dynamics of sweating reactions in rheumatic patients. Cesk. dermat.
37 no.5:307-312 0 '62.

1. Vnitřní odd. Fakultní dětské nemocnice v Brně, přednosta doc. dr.
O. Saxl-Kozní odd. Dětské fakultní nemocnice v Brně, přednosta dr.
J. Rovenský.

(RHEUMATISM) (SWEAT GLANDS) (PILOCARPINE)

ROVENSKIY, I.I., inzh.; BERNADO, V.F., inzh.

Hardening nodules of iron ore concentrates. Met. i gornorud. prom. no.
3:56-57 MyOJe '63. (MIRA 17:1)

1. Krivorozhskiy institut "Mekhanobrechermet".

ROVENSKIY, I.I.; BEREZHNOY, N.N.

Investigating the gas permeability of a layer of pellets. Izv.
vys. ucheb. zav.; chern. met. 7 no.1:27-32 '64. (MIRA 17:2)

1. Mekhanobrchermet.

ROVENSKY, J.

Dynamics of sensible perspiration under sprayed (plastic) bandages.
Cesk. dermat. 39 no.5:330-333 S '64.

1. Kozni odd. Fakultni detske nemocnice v Brne-Cerna Pole (vedouci
MUDr. J. Rovensky).

NOVIK, Grigoriy Borisovich, inzh.; LOZOVSKIY, Naum Abramovich;
ROVENSKIY, Mikhail Lavrent'yevich; DENISENKO, L.P.,
red.izd-va; STARODUB, T.A., tekhn. red.

[Design of women's outerwear; factory production methods]
Proektirovanie verkhnei zhenskoi odezhdy; fabrichnoe pro-
izvodstvo. Kiev, Gostekhzdat USSR, 1963. 245 p.
(MIRA 17:2)

ROVENSKIY, S.

Provide high quality in the construction of industrial buildings.
Na stroi. Ros. 3 no.2:15-17 F '62. (MIRA 16:2)

1. Nachal'nik otдела stroitel'stva predpriyatiy tyazheloy industrii
Gosstroya RSFSR.
(Industrial buildings) (Building)

ROVENSKIY, Semen Yakovlevich; CHKHEIDZE, Grigoriy Davidovich;
PETROV, Viktor Konstantinovich; LIBKIND, Azariy Samuilovich;
BALIKHIN, M.I., nauchn. red.; SHITOVA, L.N., red.

[Operational planning in construction by stages and complexes]
Operativnoe planirovanie v stroitel'stve po etapam i kompleksam.
[By] S.IA.Rovenskiy i dr. Moskva, Stroiizdat, 1964. 115 p.
(MIRA 17:6)

ROVENSKIY, Yu.A.

Effect of polyvinyl sulfate on the growth and mitotic activity
of normal and malignant tissue explants of mice and rats.
Vop. onk. 9 no.9:18-23 '63. (MIRA 17:9)

1. Iz laboratorii khimicheskikh kantserogennykh veshchestv
(zav.-- doktor med. nauk Yu.M. Vasil'yev) otдела po izucheniyu
kantserogennykh agentov (zav.-- deystvitel'nyy chlen AMN SSSR
prof. L.M. Shabad) i laboratorii biokhimii (zav.-- prof. V.S.
Shapot) Instituta eksperimental'noy i klinicheskoy onkologii
AN SSSR (dir.-- deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin).

ROVINSKY, Ya. A. (Moscow)

Biological role of nucleases in normal and tumoral growth. Usp.
sevr. biol. 59 no.3:554-593. My-Uss 1965. (MIR 18:6)